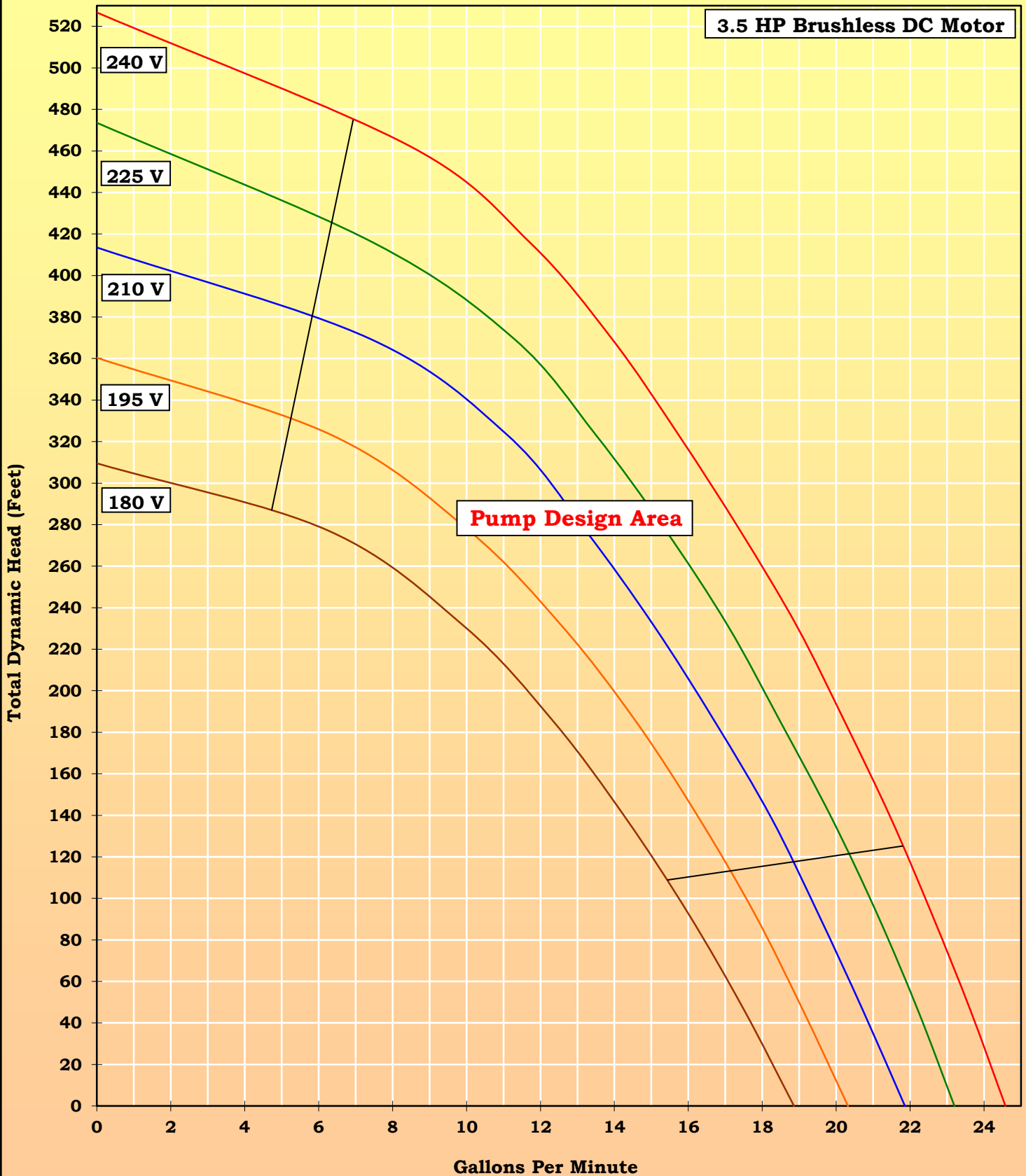


**SunPumps Brushless DC Submersible  
Model SCS 14-370-240 BL**

**240 Volt Panel Direct**



# SunPumps Brushless DC Submersible

## Model SCS 14-370-240 BL

### 3.5 HP Brushless DC Motor

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array *Watts	Efficiency
0	0	0.0	180	6.0	18.9	71.4	1076	1346	0%
20	46	14.1	180	6.0	17.5	66.3	1080	1350	14%
40	92	28.2	180	6.0	16.0	60.6	1078	1348	26%
60	139	42.3	180	5.9	14.3	54.2	1066	1332	35%
80	185	56.3	180	5.7	12.4	46.8	1030	1287	42%
100	231	70.4	180	5.4	9.9	37.6	968	1211	45%
120	277	84.5	180	4.7	6.3	23.7	848	1060	38%
134	310	94.4	180	3.1	0.0	0.0	551	689	0%

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array *Watts	Efficiency
0	0	0.0	195	6.7	20.3	76.9	1299	1623	0%
20	46	14.1	195	6.7	19.1	72.3	1308	1636	13%
40	92	28.2	195	6.7	17.8	67.4	1312	1640	24%
60	139	42.3	195	6.7	16.3	61.7	1310	1638	32%
80	185	56.3	195	6.7	14.6	55.3	1303	1628	39%
100	231	70.4	195	6.4	12.6	47.7	1250	1562	44%
120	277	84.5	195	6.0	10.1	38.1	1160	1450	45%
140	323	98.6	195	5.2	6.3	23.9	1006	1258	38%
156	360	109.9	195	3.4	0.0	0.0	655	819	0%

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array *Watts	Efficiency
0	0	0.0	210	7.5	21.9	82.7	1575	1969	0%
20	46	14.1	210	7.6	20.7	78.4	1590	1987	11%
40	92	28.2	210	7.6	19.5	73.9	1598	1998	21%
60	139	42.3	210	7.6	18.3	69.1	1598	1998	30%
80	185	56.3	210	7.6	16.7	63.3	1590	1987	37%
100	231	70.4	210	7.5	15.1	57.1	1569	1961	42%
120	277	84.5	210	7.2	13.2	50.0	1514	1893	46%
140	323	98.6	210	6.7	11.1	42.0	1415	1769	48%
160	370	112.7	210	6.1	7.4	27.9	1279	1599	40%
179	413	126.1	210	3.9	0.0	0.0	809	1011	0%

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array *Watts	Efficiency
0	0	0.0	225	8.4	23.2	87.8	1888	2360	0%
20	46	14.1	225	8.4	22.2	84.1	1892	2365	10%
40	92	28.2	225	8.4	21.1	79.9	1895	2368	19%
60	139	42.3	225	8.4	19.9	75.2	1890	2363	27%
80	185	56.3	225	8.4	18.5	70.0	1879	2348	34%
100	231	70.4	225	8.3	17.1	64.6	1856	2320	40%
120	277	84.5	225	8.1	15.4	58.3	1823	2278	44%
140	323	98.6	225	7.8	13.5	51.1	1746	2183	47%
160	370	112.7	225	7.3	11.3	42.7	1634	2042	48%
180	416	126.8	225	6.5	7.5	28.3	1458	1823	40%
205	474	144.4	225	4.2	0.0	0.0	941	1176	0%

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array *Watts	Efficiency
0	0	0.0	240	9.2	24.6	93.0	2206	2757	0%
20	46	14.1	240	9.2	23.6	89.4	2201	2751	9%
40	92	28.2	240	9.2	22.6	85.5	2213	2766	18%
60	139	42.3	240	9.2	21.5	81.3	2218	2772	25%
80	185	56.3	240	9.3	20.2	76.6	2220	2775	32%
100	231	70.4	240	9.2	18.9	71.7	2215	2769	37%
120	277	84.5	240	9.2	17.4	65.9	2201	2751	41%
140	323	98.6	240	9.0	15.7	59.5	2153	2691	45%
160	370	112.7	240	8.6	13.9	52.7	2071	2589	47%
180	416	126.8	240	8.1	11.7	44.4	1944	2430	47%
200	462	140.9	240	7.4	8.5	32.2	1778	2223	42%
228	527	160.6	240	4.6	0.0	0.0	1106	1383	0%

\* Solar array watts using a 20% deration factor.